

The Railroad Erosion Control Detail is used when construction takes place in a CSX railroad right-of-way. It is comprised of filter fabric to cover and protect track ballast from sediment, silt fence to intercept and divert sediment laden water from the railroad track; and may also include additional erosion control measures such as temporary rock silt checks to protect railroad ditches as needed.

**AREAS OF USE:**

- Along railroad tracks where construction may cause sedimentation to occur.

**PLACEMENT:**

- Erosion control measures should be placed in a manner that will prevent sediment from reaching the track ballast.

**CONSTRUCTION SPECIFICATIONS:**

- Silt Fence shall be installed on both sides of the railroad track ballast.
- Limits of silt fence and filter fabric parallel to railroad shall extend a minimum of 10 ft. outside the superstructure or toe of slope on construction.
- Silt fence shall be installed in accordance with the methods described in Section 1605 of the Standard Specifications.
- Filter fabric shall be nailed to timber rail ties with prime source “grip cap” or equivalent fastener, and should extend one foot past the toe of the track ballast.
- Filter fabric on shoulder shall be secured as directed by the engineer and railroad.

**MATERIAL SPECIFICATIONS:**

- Silt fence shall meet the requirements of Section 1605 of the Standard Specifications.
- The filter fabric shall meet the requirements of Section 1056 of the Standard Specifications for Type 2 Fabric.

**PAYMENT:**

- No separate payment will be made for railroad erosion control measures.

**MAINTENANCE:**

- Silt fence, filter fabric, and any other erosion control devices utilized should be inspected after each significant rainfall.
- Any damaged filter fabric or silt fence should be repaired or replaced immediately.

**TYPICAL PROBLEMS:**

- Improper installation of silt fence.
- Filter fabric not properly secured to rail ties or shoulder.
- Inadequate maintenance.